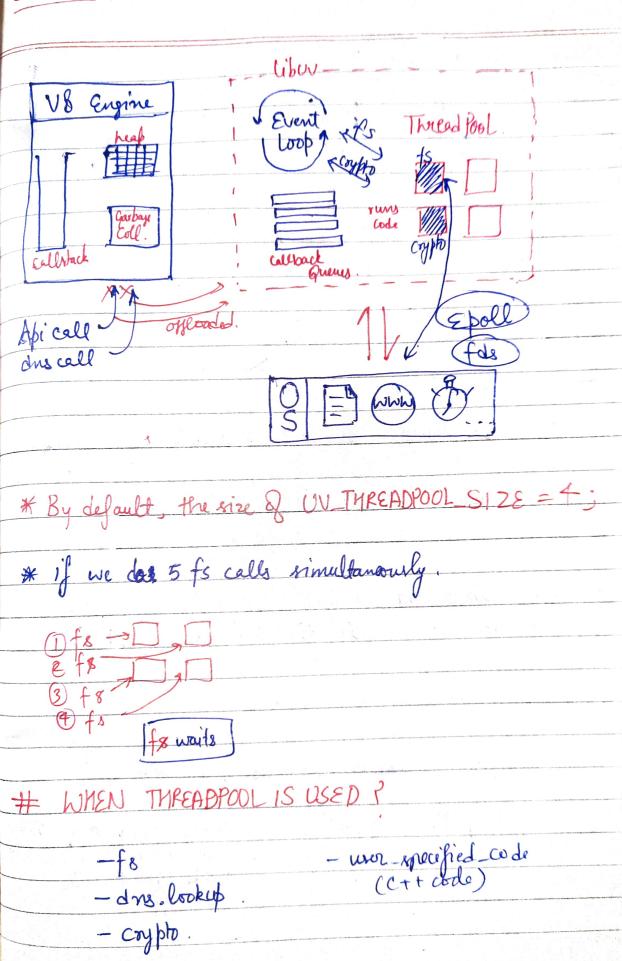
EP-10

THREAD POOL



Ques. Is NODE JS single threaded / multithing 1 -> When? It depends. sync Asyn. Is Is Javasenipt is a sync. single threaded if heavy operations of language. I have jo like -fs, -dry are used then node je like -fs, -dry UV_threadpool_is used. making is a multithe eaded lay If We can change the default size of UV-threadpool by process. UV_THREADPOOL_SIZE = 2 # Now liber interact with OS?

Now does it handles the thousands of API Calls? * Networking happens in sockets

* for each call we have a socket

"Is each socket has its file descriptor. S Blocking operation. users came, so we can't make 1000 threads. Thread next , for these type of Blocking operation are convection need a thread.

for there scenarios we have systems inside our OS OS [epol] linux libuv Kqueue Macos [Scalable · I/O event notifications mech] Thread per connection is not a good idea. operation is made the file descriptor -fd8 tills the epoll * And the spoll talls libur to execute - fd8 · | it wing the Libou MECHANISM THAT NOTIFY US WHENEVER AN EVENT THIS IS WHY TUDE IS CALLED EVENT DRIVEN ARCHITEC.